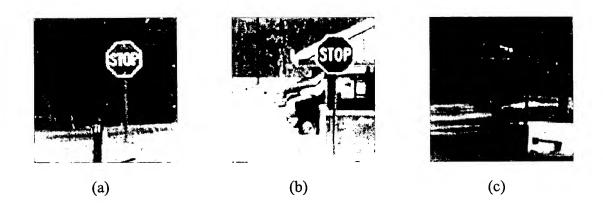
**BAHRAM JAVIDI** Serial No. 10/004,401 ATTORNEY DOCKET NO. NIV-0005 Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 Reference target REPLACEMENT PAGE **FOURIER TRANSFORM** Distorted Stop Sign to be detected NONLINEAR FILTERING **TECHNIQUES** Scene to be analyzed NONLINEAR **FOURIER FILTERING** × Product TRANSFORM **TECHNIQUES** 50 100 150 200 **INVERSE FOURIER** TRANSFORM Correlation plane

Figure 1

A METHOD AND SYSTEM FOR IMAGE PROCESSING FOR AUTOMATIC ROAD SIGN RECOGNITION
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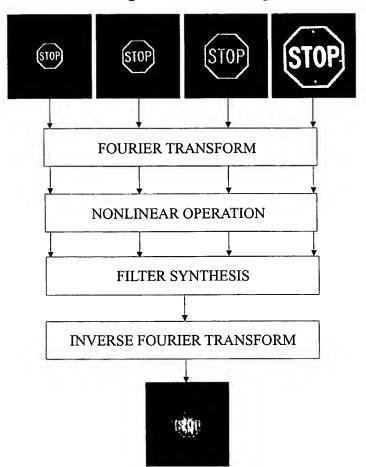
A METHOD AND SYSTEM FOR IMAGE PROCESSING FOR AUTOMATIC ROAD SIGN RECOGNITION
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#### REPLACEMENT PAGE

# Training set of distorted targets



Composite Nonlinear Filter in the spatial domain

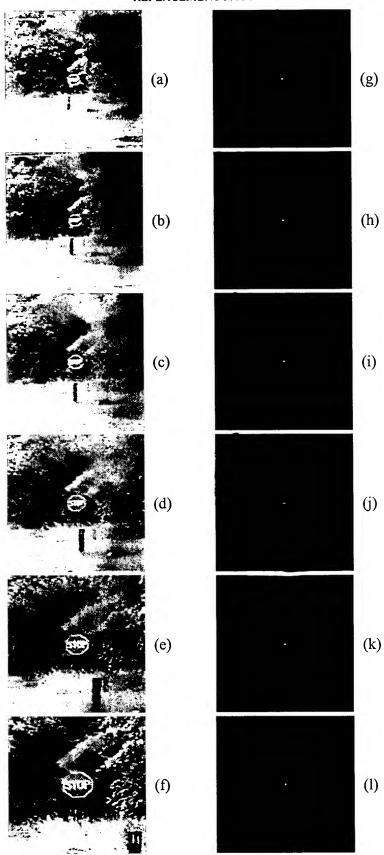


Figure 5

A METHOD AND SYSTEM FOR IMAGE PROCESSING FOR AUTOMATIC ROAD SIGN RECOGNITION BAHRAM JAVIDI
Serial No. 10/004,401
ATTORNEY DOCKET NO. NIV-0005
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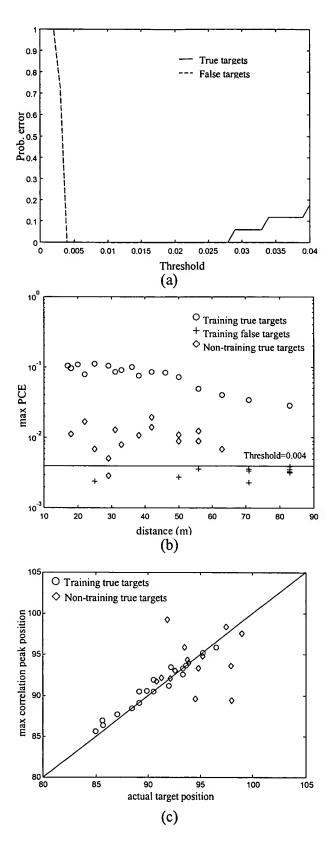


Figure 6

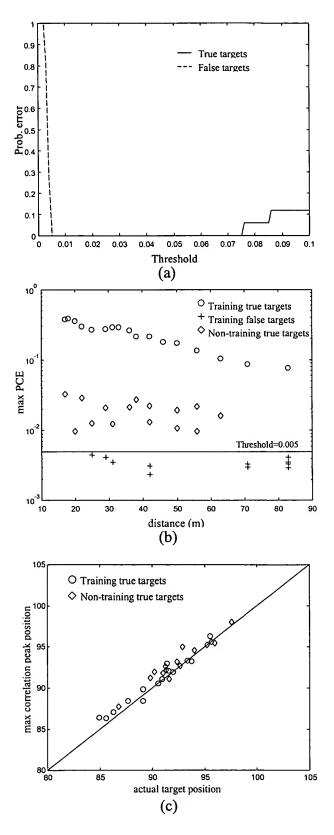


Figure 7

A METHOD AND SYSTEM FOR IMAGE PROCESSING FOR AUTOMATIC ROAD SIGN RECOGNITION BAHRAM JAVIDI Serial No. 10/004,401
ATTORNEY DOCKET NO. NIV-0005
Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002

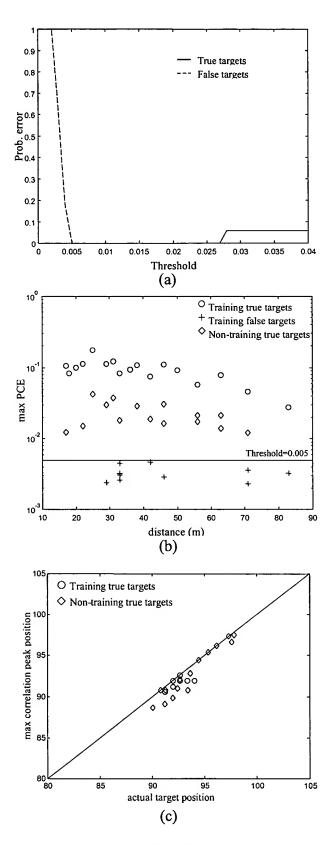
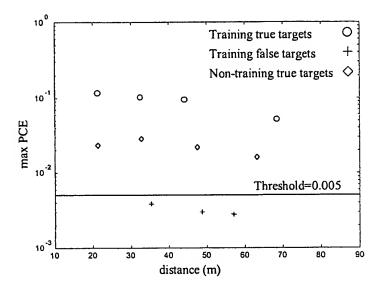
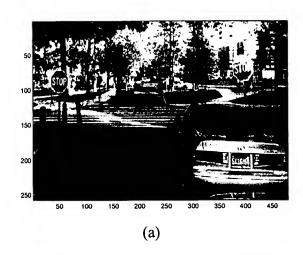


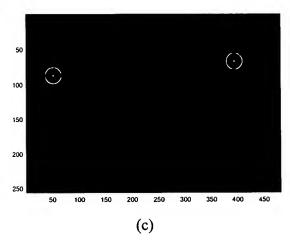
Figure 8

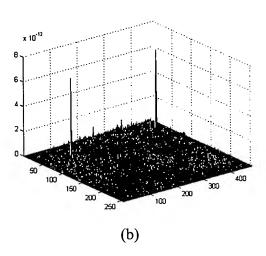
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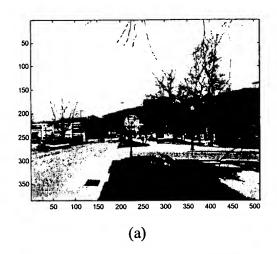


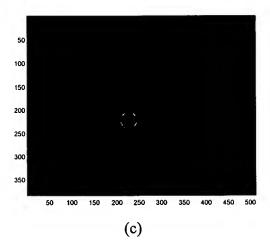
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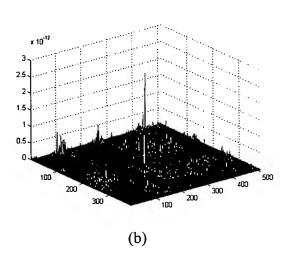


Figure 11

